

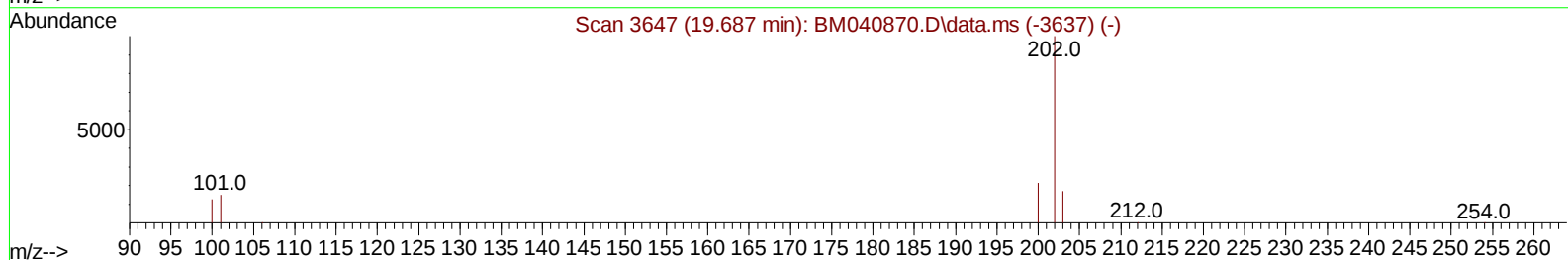
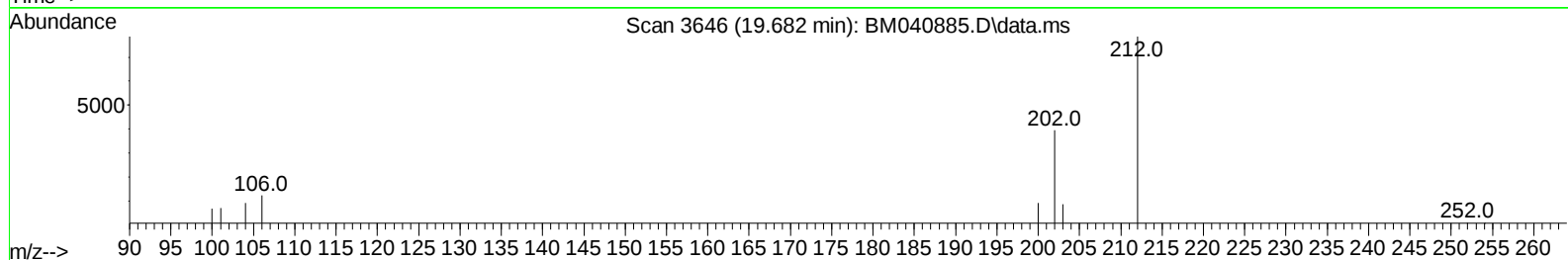
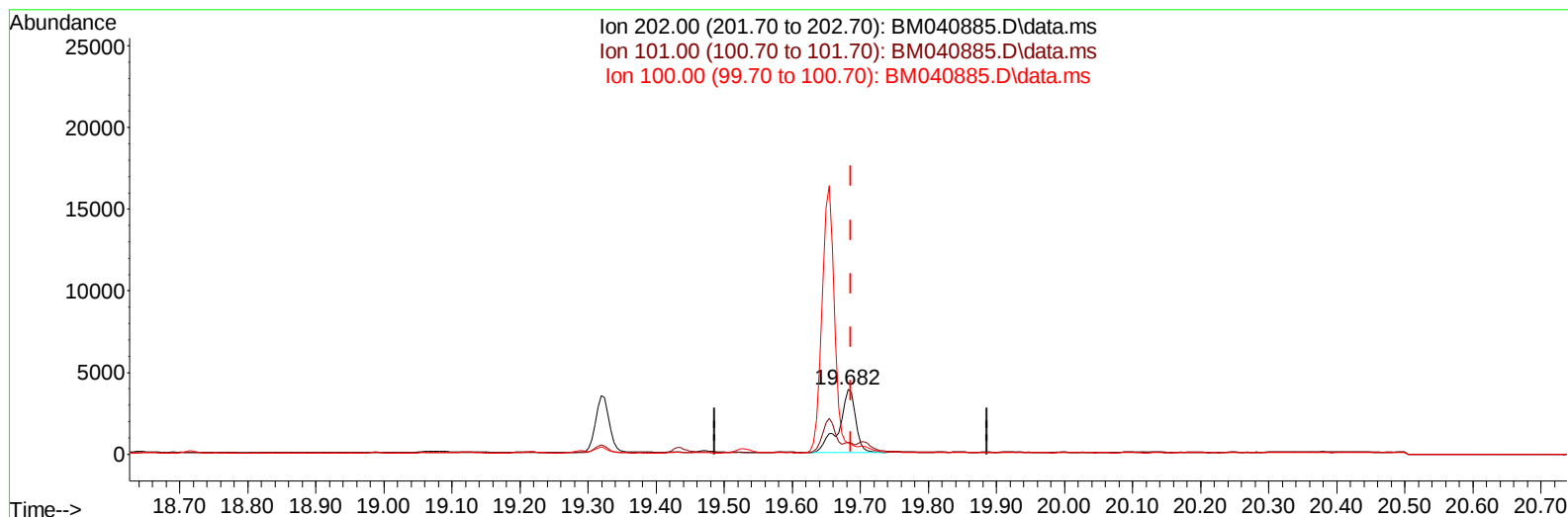
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071423\  
 Data File : BM040885.D  
 Acq On : 14 Jul 2023 18:52  
 Operator : MA/JU  
 Sample : 03437-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4631

Manual IntegrationsAPPROVED

Quant Time: Jul 15 03:59:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 15 03:58:02 2023  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2023  
 Supervised By :mohammad ahmed 07/17/2023



TIC: BM040885.D\data.ms

(20) Pyrene

19.682min (-0.005) 0.16 ng/u1

response 6672

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.70  | 17.76  |
| 100.00 | 12.20  | 17.48# |
| 0.00   | 0.00   | 0.00   |

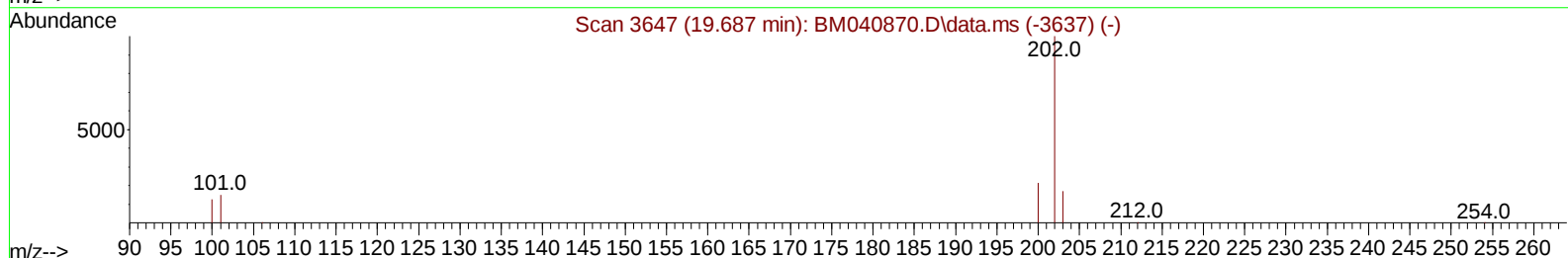
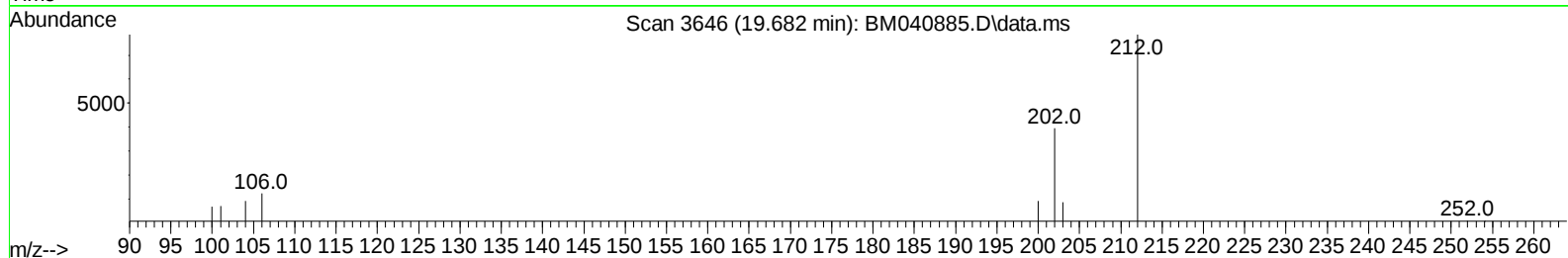
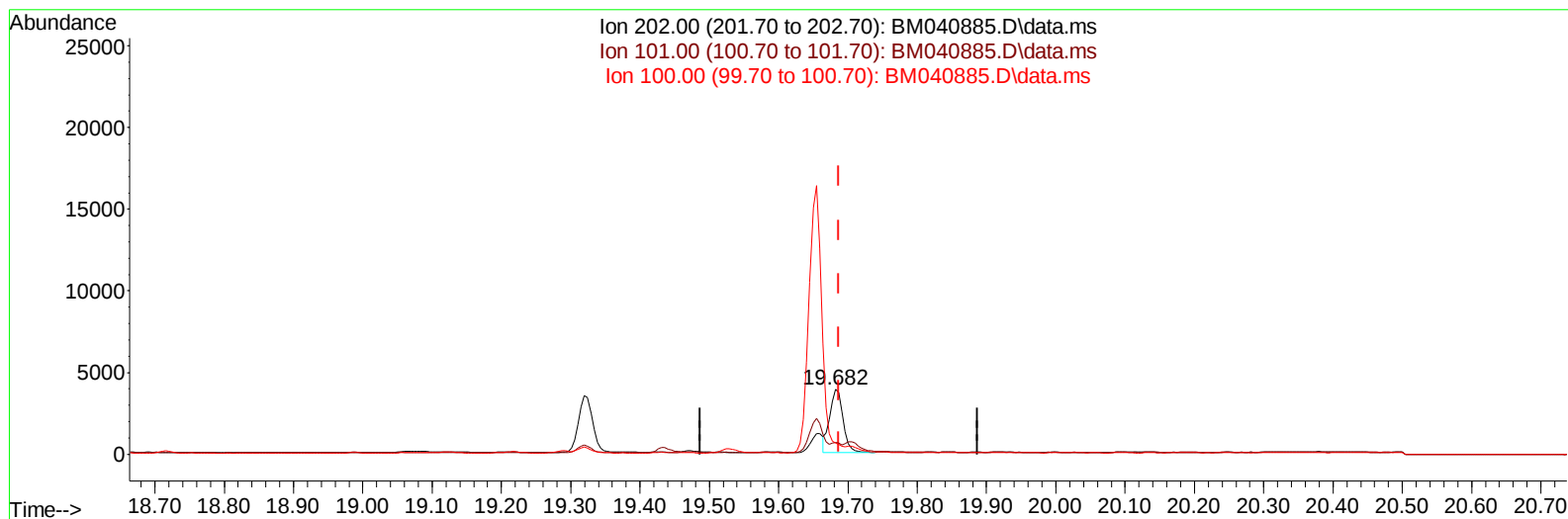
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TIC: BM040885.D\data.ms

(20) Pyrene

19.682min (-0.005) 0.13 ng/ul m

response 5342

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.70  | 17.76  |
| 100.00 | 12.20  | 17.48# |
| 0.00   | 0.00   | 0.00   |

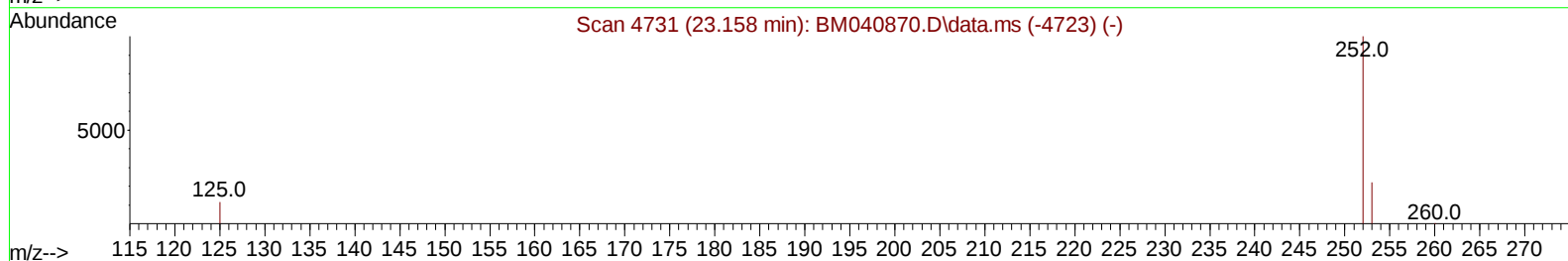
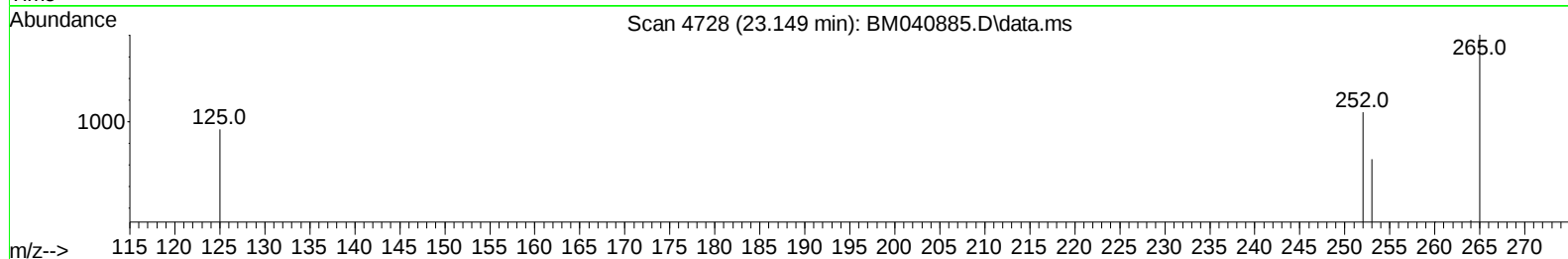
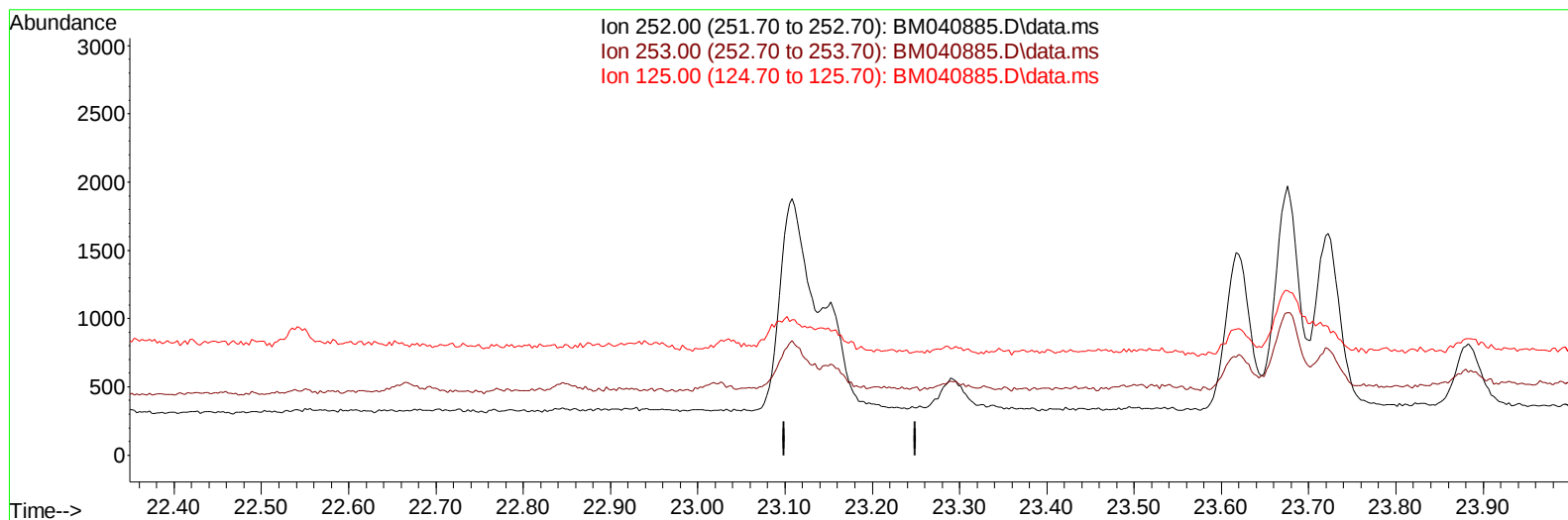
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071423\  
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Sample : 03437-02  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM040885.D\data.ms

(25) Benzo(k)fluoranthene

23.149min (-23.149) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.50  | 0.00# |
| 125.00 | 20.50  | 0.00# |
| 0.00   | 0.00   | 0.00  |

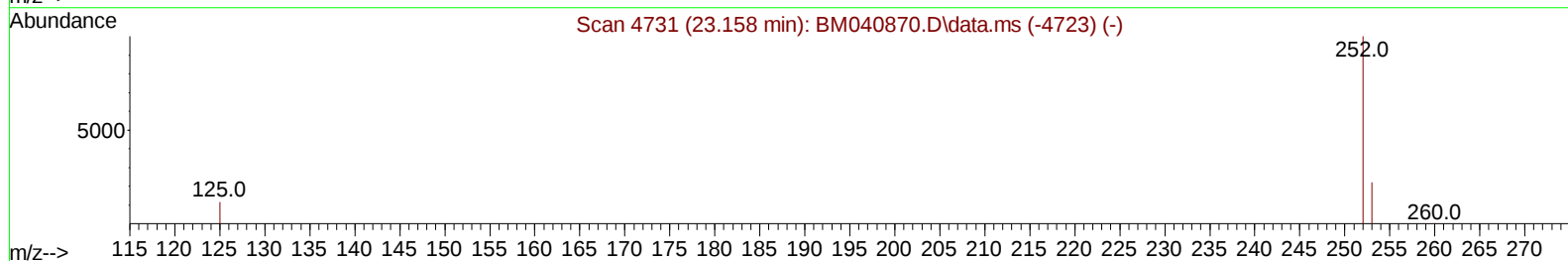
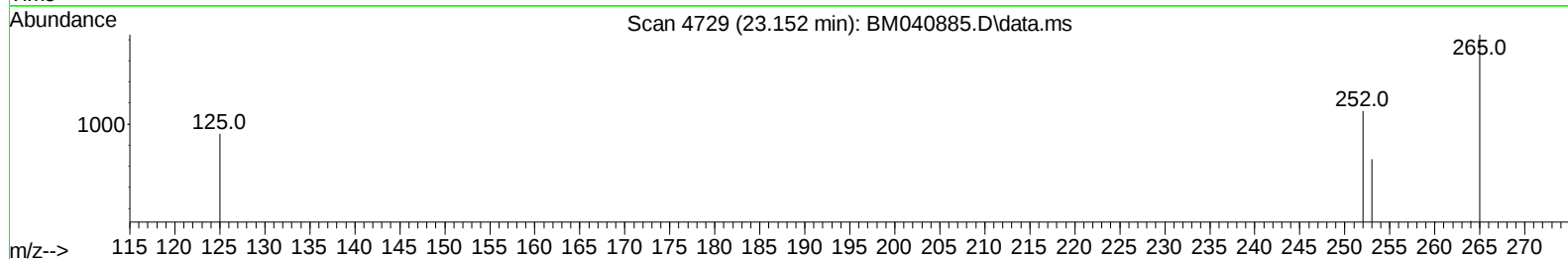
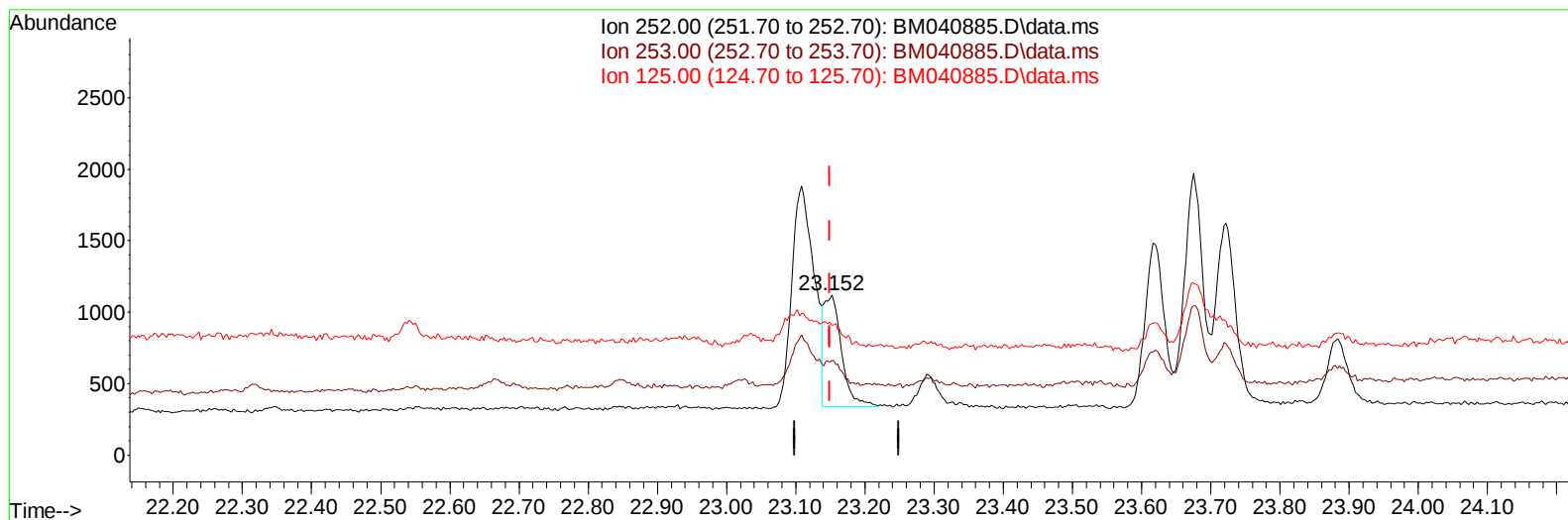
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Operator : MA/JU  
Sample : 03437-02  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4631

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023  
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TIC: BM040885.D\data.ms

## (25) Benzo(k)fluoranthene

23.152min (+ 0.003) 0.03 ng/u1 m

response 1386

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 59.27# |
| 125.00 | 20.50  | 81.02# |
| 0.00   | 0.00   | 0.00   |

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 Sample : 03437-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4631

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/17/2023

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.861  | 152  | 4239     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.664 | 136  | 14028    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.509 | 164  | 6216     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.257 | 188  | 13239    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.451 | 240  | 9109     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.830 | 264  | 10730    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.280  | 96   | 27417    | 4.118 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.258 | 152  | 5184     | 0.264 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.292 | 212  | 7947     | 0.272 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.299 | 178  | 1680     | 0.041 | ng/ul# | 87       |
| 19) Fluoranthene            | 19.320 | 202  | 4913     | 0.127 | ng/ul  | 96       |
| 20) Pyrene                  | 19.682 | 202  | 5342m    | 0.129 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.434 | 228  | 2148     | 0.070 | ng/ul# | 87       |
| 22) Chrysene                | 21.489 | 228  | 3097     | 0.088 | ng/ul# | 91       |
| 24) Benzo(b)fluoranthene    | 23.108 | 252  | 3501     | 0.084 | ng/ul# | 51       |
| 25) Benzo(k)fluoranthene    | 23.152 | 252  | 1386m    | 0.034 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.722 | 252  | 2325     | 0.062 | ng/ul# | 51       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.290 | 276  | 1961     | 0.038 | ng/ul# | 86       |
| 29) Benzo(g,h,i)perylene    | 27.041 | 276  | 2229     | 0.049 | ng/ul# | 79       |
| -----                       |        |      |          |       |        |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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